



Docket No.

AREN'T FOX KINTNER PLOTKIN & KAHL, PLLC
Nikaido, Marmelstein, Murray & Oram Intellectual Property Group

Declaration For U.S. Patent Application

As ~~a~~ below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
(Insert Title) CATALYST DETECTOR FOR VEHICLE the specification of which is attached hereto unless the following box is checked:

was filed on _____ as PCT International Application
Number _____ and was amended on _____
and/or was filed on October 30, 2003 as United States Application
Number _____ and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed:

(List prior foreign applications. See note A on back of this page)	<u>2002-316944</u> (Number)	<u>Japan</u> (Country)	<u>31 October 2002</u> (Day/Month/Year Filed)	Priority Claimed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) _____ (Filing Date) _____

(Application Number) _____ (Filing Date) _____

See attached list for additional prior foreign or provisional applications.

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35, U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(List prior U.S. Applications or PCT International applications designating the U.S.) (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned)

(Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned)

And I hereby appoint the firm of Arent Fox, Customer Number **004372** including as principal attorneys; Robert B. Murray, Reg. No. 22,980; Charles M. Marmelstein, Reg. No. 25,895; George E. Oram, Jr., Reg. No. 27,931; Douglas H. Goldhush, Reg. No. 33,125; David T. Nikaido, Reg. No. 22,663; Richard J. Berman, Reg. No. 39,107; Murat Ozgu, Reg. No. 44,275; Robert K. Carpenter, Reg. No. 34,794; Gregory B. Kang, Reg. No. 45,273, Rustan Hill, Reg. No. 37,351; Kevin Turner, Reg. No. 43,437; Carl Schaukowitch, Reg. No. 29,211; Hans J. Crosby, Reg. No. 44,634, Rhonda L. Barton, Reg. No. 47,271; Sam Huang, Reg. No. P48,430; Lynn A. Bristol, Reg. No. P48,898; Brian A. tollefson, Reg. No. 46,338; Lynne D. Anderson, Reg. No. 46,412; D. Daniel Dzara, II, Reg. No. 47,543; Laurence J. Edson, Reg. No. 44,666, Michael a. Steinberg, Reg. No. 43,160; Dinnatia J. Doster, Reg. No. 45,268; and Jonathan A. Kidney, Reg. No. 46,195.

Please direct all communications to the following address:

AREN'T FOX KINTNER PLOTKIN & KAHN, PLLC

1050 Connecticut Avenue, N.W., Suite 600

1650 Connecticut Avenue, N.W.
Washington, D.C. 20036-5339

Telephone No. (202) 857-6000; Facsimile No. (202) 638-4810

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. (See Note C on back of this page)

Full name of sole or first inventor Hiroki HOSOE

Inventor's signature *Hiroki Hosoe*

Residence Saitama, JAPAN

Date
October 14, 2003

Citizenship Japan

Post Office Address 4-1, Chuo 1-chome, Wako-shi, Saitama, JAPAN

Full name of second joint inventor, if any Tatsuya OKAYAMA

Inventor's signature *Tatsuya Okuyama*

Residence Saitama, JAPAN

Date
October 14, 2003

Citizenship Japan

Post Office Address 4-1, Chuo 1-chome, Wako-shi, Saitama, JAPAN

Full name of third joint inventor, if any Akira MURAKAMI

Inventor's signature *Akira Murakami*

Residence Saitama, JAPAN

Date
October 14, 2003

Citizenship Japan

Post Office Address 4-1, Chuo 1-chome, Wako-shi, Saitama, JAPAN

Full name of fourth joint inventor, if any Kengo TAKAMIZAWA

Inventor's signature *Kengo Takamizawa*

Residence Saitama, JAPAN

Date
October 14, 2003

Citizenship Japan

Post Office Address 4-1, Chuo 1-chome, Wako-shi, Saitama, JAPAN

NOTES

- A. Please list all non-convention foreign applications relating to the invention (and check block "no"), as well as all convention (priority) applications.
- B. If more than 3 prior foreign applications or 2 provisional applications, please check this box and attach a sheet listing the remaining prior foreign applications.
- C. For the Inventor's "Residence", only the city and state is necessary, however the "Post Office Address" must be an address acceptable by a Post Office for delivery of mail.